

WHAT IS CLAIMED IS:

1. A method of providing a plurality of secure computer environments in a shared computer system, comprising:

5 providing said shared computer system, said shared computer system comprising:

a plurality of computers;

at least one virtual local area network switch connected to said plurality of computers;

10 a plurality of client connection ports connected to said virtual local area network switch;

15 a configuration engine electrically connected to said at least one virtual local area network switch, said configuration engine comprising computer readable program code for configuring said at least one virtual local area network switch; and

20 said configuration engine configuring said at least one virtual local area network switch to connect each of said plurality of client connection ports to at least one of said plurality of computers while isolating said plurality of client connection ports from one another so that each of said client connection ports may be connected to at least one of
25 said plurality of secure computer environments on said plurality of computers.

2. The method of claim 1, further comprising said configuration engine reading computer requirements from at least one client connected to at least one of said plurality of client connection ports.

3. The method of claim 2, further comprising said configuration engine calculating an optimum allocation of said plurality of computers to meet said computer requirements of said at least one client.
4. The method of claim 1, further comprising said configuration engine configuring said at least one virtual local area network switch to connect at least two of said plurality of client connection ports to a same one of said plurality of secure computer environments on said plurality of computers.
5. The method of claim 1, further comprising connecting at least one client computer to said shared computer system through at least one of said plurality of client connection ports.
6. The method of claim 5, wherein said at least one client computer is connected to said shared computer system across a dedicated line.
7. The method of claim 5, wherein said at least one client computer is connected to said shared computer system across the Internet.
8. The method of claim 7, wherein said at least one client computer is connected to said shared computer system across the Internet with a modem connection.

9. The method of claim 7, wherein said at least one client computer is connected to said shared computer system across the Internet with a broadband connection.
10. The method of claim 5, said shared computer system further comprising at least one virtual private network router connected to each of said plurality of client connection ports, said method further comprising said configuration engine configuring said at least one virtual private network router to connect said at least one client computer to at least one of said plurality of computers.
11. The method of claim 10, said shared computer system further comprising computer readable program code for authenticating client identification, said method further comprising authenticating client identification before said configuration engine configures said at least one virtual private network router.
12. The method of claim 1, said shared computer system further comprising at least one firewall connected to each of said plurality of client connection ports, said method further comprising said configuration engine configuring said at least one firewall to connect said at least one client computer to at least one of said plurality of computers.

13. A secure computer system, comprising:

a plurality of computers;

a plurality of client connection ports;

5 at least one virtual local area network switch
electrically connected to said plurality of
computers and to said plurality of client connection
ports, wherein said at least one virtual local area
network switch is configurable to changeably connect
10 each of said plurality of client connection ports to
at least one of said plurality of computers while
isolating said plurality of client connection ports
from one another; and

a configuration engine electrically connected
to said at least one virtual local area network
15 switch, said configuration engine comprising
computer readable program code for configuring said
at least one virtual local area network switch to
changeably connect each of said plurality of client
connection ports to at least one of said plurality
20 of computers while isolating said plurality of
client connection ports from one another.

14. The secure computer system of claim 13, wherein said
computer readable program code in said configuration
engine further comprises code for a graphical user
5 interface to manually configure said virtual local
area network switch.

15. The secure computer system of claim 13, wherein said
computer readable program code in said configuration
engine further comprises code for automatically
configuring said virtual local area network switch.

16. The secure computer system of claim 13, wherein said computer readable program code in said configuration engine further comprises code for reading client computer requirements from at least one client connected to said client connection ports.

17. The secure computer system of claim 13, further comprising at least one firewall connected to said plurality of client connection ports.

18. The secure computer system of claim 13, further comprising at least one virtual private network router connected to said plurality of client connection ports.

19. The secure computer system of claim 13, further comprising computer readable program code for authenticating identification of clients connected to said plurality of client connection ports.

20. A secure computer system, comprising:
a plurality of computers;
a plurality of client data inputs; and
means for securely connecting a portion of said plurality of client data inputs to a portion of said plurality of computers while isolating said portion of said plurality of computers from a second portion of said plurality of computers.